
**HIGH VOLTAGE CONVERTER FOR AN
IMPLANTABLE MEDICAL DEVICE**

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Abstract of the Disclosure

A high voltage converter circuit for an implantable cardiac device.
The circuit includes a plurality of transistors that are connected in parallel
10 to a battery and the primary winding of a transformer. A switching
element is connected to the circuit so as to periodically connect and
disconnect the capacitors to the primary winding of the transformer to
thereby induce the capacitors to be charged and periodically discharged
across the transformer into charging capacitors. A circuit also preferably
15 includes a disconnect circuit that will disconnect the capacitors from the
battery during periods of non-use to inhibit unwanted dissipation of the
battery's energy.